

SENDER WILL CHECK CLASSIFICATION TOP AND BOTTOM			
UNCLASSIFIED		CONFIDENTIAL	
CENTRAL INTELLIGENCE AGENCY OFFICIAL ROUTING SLIP			
TO	NAME AND ADDRESS	INITIALS	DATE
1	DD/S, 7D18 Hdqtrs.		
2	C/ADPS, 810 1016 16th St.		
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	ACTION	DIRECT REPLY	PREPARE REPLY
	APPROVAL	DISPATCH	RECOMMENDATION
	COMMENT	FILE	RETURN
	CONCURRENCE	X INFORMATION	SIGNATURE
Remarks: <p>Red-</p> <p>I think you'll be interested in this report; it is for your <u>information</u>.</p> <p>It reacts to OCR request (via Project CHIVE) for recommendations on how to mechanize the products of their soviet literature exploitation projects (funded at the Library of Congress).</p> <p>In my view it's a good EDP job. Even more important, however, is the fact that it surfaced the existence of several DD/I projects which overlap each other.</p> <p>I sent a copy of the report and asked him to zero-in on the duplication. There are</p>			
FOLD HERE TO RETURN TO SENDER			
FROM: NAME, ADDRESS AND PHONE NO.			DATE
 814 1016 16th St.			2 Jan 63

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money savings possible here provided we use
the right kind of gentle persuasion. ☐ and
I intend to pursue this within the DD/I.

A handwritten signature in cursive script, appearing to be 'J. F. Kennedy'.

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11 December 1962

MEMORANDUM FOR: Assistant Director, OCR

SUBJECT : Bibliographic Project Report (Attached)

1. Attached is the study report on the BR Bibliographic Project.
2. The report:
 - a. concludes that BR's bibliographic file is of real value and merits both continuation and improvement;
 - b. outlines a possible EDP system to handle bibliographic data and proposes an interim system to move us towards the proper ultimate system;
 - c. defines the steps to be taken if the proposed interim system meets with approval.
3. After you have had an opportunity to study this report, I would propose a discussion session at which:
 - a. OCR's general comments on the paper and OCR's general views of the problem would be presented;
 - b. aspects of the report would be clarified, as may be required;
 - c. alternative courses of action would be defined and reviewed, including what appears to be the minimum course of action; to wit:
 - (1) that CIA and Air Force coordinate their LC contracting actions for next year;
 - (2) that the bibliographic data required by CIA be captured in machine language henceforth at the source (LC);

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(3) that ADPS undertake to produce automatically for OCR 5 x 8 bibliographic cards from Project CROSS CHECK paper tapes, if duplicate coverage of the CIA and Air Force contracts is eliminated and yet separate contracts continue.



Chief,
CIA Automatic Data Processing Staff

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Attachment:

Bibliographic Project report

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11 December 1962

MEMORANDUM FOR: Chief, Automatic Data Processing Staff

SUBJECT : EDP Study of BR Bibliographic Project

Purpose of Study

Last April OCR asked us to undertake a study of its scientific literature exploitation program at the Library of Congress with a view to determining the desirability of providing machine support to this OCR project. More specifically, we agreed that the study would:

- a. Provide some evaluation of the worth of continuing this activity;
- b. Determine the advantages to be gained from attempting to coordinate the program with the Air Force's Project Cross Check;
- c. Suggest a general design for an automated system if such appears merited;
- d. Recommend future action.

Method

Mrs. Harriet Meadow of IBM and I have spent approximately twenty-five per cent of our time over the past six months examining operations at the Library of Congress and Biographic Register, consulting with the Air Force personnel at the Aerospace Information Division of the Library of Congress and Foreign Technology Division, WPAFB, Ohio, and performing system analysis and design. [redacted] of the Biographic Register/OCR has monitored our study throughout this period and participated in the interagency discussions and meetings pertaining thereto. The attached report is a compendium of our findings.

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Study Conclusions

Some of the principal conclusions reached in the paper are as follows:

- a. Scientific literature continues to be a significant source of intelligence information on the closed societies of the Bloc countries.
- b. Neither "analyst files" nor commercial bibliographies, indexes, and other available research tools (including those issued by the Bloc itself) answer the intelligence officer's needs for a cumulated, many-faceted, multi-subject index to the literature of a

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given bloc country. OCR's Bibliographic Project, and the more subject-limited Cross Check Project and OSI contract operations at the Department of Agriculture and National Library of Medicine, are attempts to fill this gap.

- c. The Bibliographic Project, like most intelligence activities, is difficult to assess in terms of dollar value. The problem is exaggerated in the present instance by the absence of certain vital statistics on file queries and by imperfect understanding of users' requirements, especially as to scope of coverage (including country as well as specific publication), indexing depth and content, and priorities that should be applied thereto. While evidence exists that the Project files are being used to support the intelligence analyst both directly and indirectly, more exact information is needed.
- d. If the Bibliographic Project is to continue its operations at the present level much longer, it must automate. Not only is the present system expensive in terms of space and personnel required to operate the system, its continued growth renders it increasingly less responsive to the demands levied upon it.
- e. An interim rather than a fully automated system is recommended for the Project for the near term. Such a system would lessen some of the current record-handling problems and, at the same time, permit additional studies to be undertaken of problems peculiar to the final Bibliographic File design as well as to the place of such a file in any future DD/I information system.

Implementation

Both the attached systems study, as well as this covering memorandum, are addressed primarily to the technical side of automating OCR's literature control file. Whether action can or should be taken now to implement any of these technical recommendations is a matter for ADPS and OCR to determine, preferably in concert, following suitable consideration of staffing and budgetary problems as well as other external factors. In any event, before even the interim system can become operational, the tasks summarized below must be planned and carried out. Of those listed, the first three can be performed more or less simultaneously; the remainder should be undertaken in the order given.

Task 1: Determine through actual experiment what the probable input cost per title will be under an automated system.

Comment: This experiment should be performed at the Library of Congress. ADPS should design and administer the test, provide the tape-producing typewriter, and investigate the advantage of an optical scanner over potential punched paper tape input. The experiment should take no longer than four months.

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Task 2: Obtain accurate statistics on the current utilization of the Bibliographic File.

Comment: ADPS should specify the figures to be collected. OCR should compile same over a period of time not to exceed that required for completion of Task 1.

Task 3: Survey OSI to determine specific user requirements as to title coverage, file content, and index detail.

Comment: ADPS should collect this information in the course of its ongoing CHIVE survey of the BD/I, the OSI portion of which should be completed by January 1963.

Task 4: Finish design of interim system, including documents to be covered, record format, and method to be used for converting documents to machine language.

Comment: ADPS should perform most of this system design. However, OCR assistance should be given in some areas, principally that of developing an organization (facility) index. The time required for completion of this step should not exceed three months.

Task 5: Conduct negotiations with the Library of Congress and the Air Force regarding management of the input effort.

Comment: Single management of the AF and CIA literature exploitation programs has been recommended by the study team and the Air Force has given signs of being amenable thereto. However, the Library of Congress' attitude is unknown. OCR should represent CIA in these negotiations using ADPS for technical advice as required.

Task 6: Write and debug the computer programs required to carry out the necessary machine processing.

Comment: ADPS should write & debug the required

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computer programs. Four months is a rough estimate of the time needed to complete this task.

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ADPS/Intel/[REDACTED](Dec 12 62)

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